

# **AFTER-MARKET DASHBOARD BEZEL FOR AN AUTOMOBILE HAVING A NUMBER OF INSTRUMENT HOLDERS AND ASSOCIATED METHOD**

This non-provisional U.S. patent application claims the benefit of U.S.  
5 provisional patent application serial number 60/207,584 filed on May 26, 2000.

## **Technical Field of the Invention**

The present invention relates to a bezel for an automobile and, more  
particularly, to an after-market dashboard bezel for an automobile for mounting  
10 supplemental instruments or gauges.

## **Background of the Invention**

Many automobile drivers either choose or require more or additional  
information about the status of their vehicle's engine than is made available by  
15 the manufacturer of the vehicle. This may be especially true for owners of what  
are termed custom vehicles or vehicles in which the engines have been  
modified. As well, drivers of vehicles involved in racing and other similar  
activities may have a critical need for more information regarding the status of  
their vehicle's engine.

20 An engine has many measurable properties that may be monitored.  
Often, it is very important for a driver to monitor revolutions per minute (RPMs) of  
an engine, the amount of oil and its pressure in the engine, the air and fuel  
mixture ratio in the engine, as well as the water temperature. Additional  
measurable properties include voltage, engine temperature, quantity of fuel and

other consumable liquids, and the like. However, most car manufacturers do not choose to make the instruments or gauges necessary for such measurements available from the factory, or provide "idiot lights" in place thereof to warn the owner only after a problem has occurred.

5           Thus, owners are forced to add the instruments or gauges to their vehicles on their own. Since the vehicles have not been designed to accommodate the additional instruments, the resulting addition of instruments can be unsightly as well as posing a potential safety risk. Some instrument clusters or gauge pods, designed for additional instruments, such as the A-Pillar  
10 instrument pods, can obstruct the driver's view of the road, while other gauge pods are positioned such that constant monitoring of these instruments can significantly distract the driver from the road.

It is thus an object of the present invention to provide a manner of mounting supplemental instruments in a vehicle that alleviates the above  
15 problems.

### **Summary of the Invention**

The present invention is a method, apparatus, and/or article of manufacture that facilitates the addition of supplemental instruments to a vehicle.

20   The present invention provides the capability of adding supplemental instruments to a vehicle without placing the instruments in a location that would make reading these instruments awkward and/or unsafe.

In accordance with one embodiment of the present invention, there is provided an instrument bezel for a vehicle. The instrument bezel includes a body configured to surround a window of an instrument cluster assembly of the vehicle. The instrument bezel also includes an instrument mount secured to the  
5 body.

In accordance with another embodiment of the present invention, there is provided an after-market instrument bezel adapted to replace an original dashboard bezel surrounding a window of an instrument cluster assembly of a vehicle. The after-market instrument bezel includes a body substantially  
10 conforming in dimension to the original dashboard bezel. The after-market instrument bezel also includes an instrument mount secured to the body.

In accordance with yet another embodiment of the present invention, there is provided a method of adding an additional instrument to a vehicle. The method includes the step of removing an original dashboard bezel from the  
15 vehicle so as to expose a bezel mounting space. The method also includes the step of installing an instrument bezel in the bezel mounting space. The instrument bezel has a body which substantially conforms in dimension to the original dashboard bezel. The instrument bezel also includes an instrument mount secured to the body. The instrument mount is adapted to retain the  
20 additional instrument.

In accordance with a further embodiment of the present invention, there is provided a kit for mounting a supplemental instrument in a vehicle. The kit includes an instrument bezel having (i) a body substantially conforming in

dimension to an original dashboard bezel of the vehicle, and (ii) an instrument mount secured to the body. The instrument mount is adapted to retain the additional instrument. The kit also includes a number of printed instructions for installing the instrument bezel in the vehicle.

5 In accordance with another embodiment of the present invention, there is provided a method of adding an additional instrument to a vehicle. The method includes the step of removing a first dashboard bezel from the vehicle such that the first dashboard bezel is spaced apart from a window of an instrument cluster assembly associated with the vehicle. The method also includes the step of  
10 securing a second dashboard bezel to the vehicle such that the second dashboard bezel is positioned proximate to the window of the instrument cluster assembly. The second dashboard bezel has (i) a body substantially conforming in dimension to the first dashboard bezel, and (ii) an instrument mount secured to the body. The instrument mount is adapted to retain the additional instrument.

15 In accordance with yet another embodiment of the present invention, there is provided a dashboard assembly for a vehicle. The dashboard assembly includes an instrument cluster assembly having a first instrument and a window through which the first instrument is visible to a driver of the vehicle. The dashboard assembly also includes a bezel having a body which defines a  
20 viewing opening. The bezel is mounted in relation to the instrument cluster assembly such that the first instrument is visible to the driver of the vehicle through the viewing opening. The bezel also has an instrument mount secured to the body of the bezel.

It is therefore an object of the present invention to provide a new and useful replacement dashboard bezel.

It is moreover an object of the present invention to provide an improved replacement dashboard bezel.

5 It is also an object of the present invention to provide a new and useful method for adding an instrument to an automobile.

It is moreover an object of the present invention to provide an improved method for adding an instrument to an automobile.

10 It is yet another object of the present invention to provide a replacement dashboard bezel which allows an instrument to be added to an automobile in a manner which is more aesthetically pleasing relative to heretofore designed mounting mechanisms and methods.

15 It is also an object of the present invention to provide a replacement dashboard bezel which allows after-market instruments to be added to the automobile without obstructing the driver's view of the road.

The above and other objects, features, and advantages of the present invention will become apparent from the following description and the attached drawings.

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### **Brief Description of the Drawings**

The above-mentioned and other features and advantages of this invention, and the manner of attaining them, will become more apparent and the invention will be better understood by reference to the following description of an

embodiment of the invention taken in conjunction with the accompanying drawings, wherein:

FIG. 1 is a front perspective view of an uninstalled and unpainted bezel without instruments mounted therein, in accordance with the principles of the present invention;

FIG. 2 is a rear perspective view of the bezel of FIG. 1;

FIG. 3 is a left side perspective view of the bezel of FIG. 1;

FIG. 4 is right side perspective view of the bezel of FIG. 1;

FIG. 5 is a bottom perspective view of the bezel of FIG. 1;

FIG. 6 is a bottom perspective view of the bezel of FIG. 1 turned 180° relative to FIG. 5;

FIG. 7 is a top perspective view of the bezel of FIG. 1;

FIG. 8 is a left side perspective view of a dashboard of an automobile with the automobile manufacturer's dashboard bezel removed;

FIG. 9 is another left side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed;

FIG. 10 is a right side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed.

FIG. 11 is a front perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed;

FIG. 12 is a left side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 being installed therein;

FIG. 13 is a right side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 being installed therein;

FIG. 14 is another left side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 being installed therein;

FIG. 15 is a right side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 installed therein;

FIG. 16 is a left side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 installed therein;

FIG. 17 is another right side perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 installed therein;

FIG. 18 is a front perspective view of the dashboard of the automobile of FIG. 8 with the automobile manufacturer's dashboard bezel removed and the bezel of FIGS. 1-7 installed therein;

FIG. 19 is a front perspective view of the dashboard of the automobile of FIG. 8 with a finished bezel according to the present invention installed therein with additional instruments retained thereby;

FIG. 20 is a front perspective view of the original dashboard bezel  
5 subsequent to removal thereof from the automobile;

FIG. 21 is a rear perspective view of the original dashboard bezel of FIG. 20; and

FIG. 22 is a perspective view of an installation instruction manual which provides instructions relating to installation of the replacement dashboard bezel  
10 of FIG. 1.

Corresponding reference characters indicate corresponding parts throughout the several views.

### **Detailed Description of the Invention**

15 While the invention is susceptible to various modifications and alternative forms, a specific embodiment thereof has been shown by way of example in the drawings and will herein be described in detail. It should be understood, however, that there is no intent to limit the invention to the particular form disclosed, but on the contrary, the intention is to cover all modifications,  
20 equivalents, and alternatives falling within the spirit and scope of the invention as defined by the appended claims.

With reference to FIGS. 1-7, there is shown a bezel, generally designated 20 in accordance with the principles set forth herein. The bezel 20 includes a



body 40 which includes a lower body or housing portion 22 and an upper body or housing portion 24 that are each connected to a right body or housing portion 26 and a left body or housing portion 28. It should be appreciated that the bezel 20 may be formed as a single, integral piece, or as two or more pieces (i.e. body or housing portions) joined together. The bezel 20 is preferably constructed of fiberglass, but may be constructed, fabricated, molded and/or the like from any suitable material including, but not limited to, plastic, carbon fiber, metal, and/or the like.

The lower, upper, right, and left body portions 22, 24, 26, and 28, respectively, form a central or viewing opening 30 that is adapted to allow the essentially unobstructed viewing of existing, original, and/or factory-installed instruments/gauges in a dashboard 36 of the automobile. In particular, the dashboard 36 of an automobile is generally constructed to include an instrument cluster assembly 54 (see FIG. 8). The instrument cluster assembly 54 is generally a sealed assembly having a housing 56 which houses the electronics, wiring, and other components (not shown) associated with a number of instruments such as a speedometer 58 and a fuel gauge 62. A plastic window 64 is generally secured to the housing 56 so as to protect the instruments (e.g. the speedometer 58 and the fuel gauge 62) therein. The entire instrument cluster assembly 54 is generally sealed together in a secure manner so as to prevent tampering with the components associated with the assembly 54. Specifically, the plastic window 64 is generally sealed to the housing 56 in a secure manner to prevent tampering with an odometer 66 associated with the

instrument cluster assembly 54 thereby preventing someone with illicit intentions from reducing the number of miles displayed by the odometer 66. Hence, as described herein, the term "instrument cluster assembly" is intended to mean the collection of instruments which are housed together within the assembly of the housing 56 and the window 64. Typically, the instrument cluster assembly 54 is installed by the manufacturer of the automobile at the assembly plant (i.e. the original equipment manufacturer or OEM).

As shown in FIG. 19, the body 40 of the replacement dashboard bezel 20 is configured to surround the window 64 of the instrument cluster assembly 54.

What is meant herein by the term "surround" in regard to a dashboard bezel is that the body of the bezel defines a frame-like structure which borders substantially the entire periphery of the window of the instrument cluster assembly. Hence, the replacement dashboard bezel 20 (or the original dashboard bezel 80 of FIGS. 20 and 21) "surrounds" the window of the instrument cluster assembly much in the same way that a picture frame surrounds a picture.

It should be appreciated that the term "instrument" is utilized herein to mean any instrument, gauge, display, light, or the like that may be used to indicate a property, state, or measurement data with regard to the engine of an automobile, any other automobile function or feature, or an automobile in general. As described above, certain instruments are included in the automobile's instrument cluster assembly 54. However, as shall now be described in greater detail, other instruments may be provided as "stand alone"

instruments which are installed in the vehicle subsequent to manufacture thereof (i.e. after-market instruments).

The dashboard bezel 20 also includes a first instrument mount or pod 32 and a second instrument mount or pod 34. It should be appreciated that the terms “instrument mount” or “instrument pod” are herein intended to mean any mounting and/or retaining configuration, device, assembly, feature, or the like that is operable or otherwise adapted to mount, retain, and/or hold an instrument. The first instrument mount 32 is shown as a generally circular opening in order to accommodate a first generally circular instrument 60 (see FIG. 19). The first instrument mount 32 is formed so as to allow a cable, signal line, or the like to be coupled to the instrument without interfering with the driver's view of the instruments associated with the instrument cluster assembly 54 or with any other part of the vehicle. The second instrument mount 34 is shown as a generally circular opening in order to accommodate a second generally circular instrument 70 (see FIG. 19). The second instrument mount 34 is formed so as to allow a cable, signal line, or the like to be coupled to the instrument without interfering with the driver's view of the instruments associated with the instrument cluster assembly 54 or with any other part of the vehicle. Although the first and second instrument mounts 32 and 34, respectively, are herein described and shown as being circular in shape, it should be appreciated they may be configured in any shape and/or size (i.e. dimension) in order to accommodate a like dimensioned instrument.

The first instrument mount 32 is shown as situated at a lower right corner of the bezel 20 between the lower body portion 22 and the right body portion 26, or adjacent a corner defined at the intersection of the lower body portion 22 and the right body portion 26. The second instrument mount 34, on the other hand, is shown as situated at a lower left corner of the bezel 20 between the lower body portion 22 and the left body portion 28, or adjacent a corner defined at the intersection of the lower body portion 22 and the left body portion 28. While the first and second instrument mounts 32 and 34 are shown in the lower corners of the bezel 20, it should be appreciated that the location or placement of the instrument mounts 32 and 34 in the figures is only exemplary, and thus may vary as necessary or desired. As well, while there are only two instrument mounts shown in the bezel 20 of FIGS. 1-7, the bezel 20 may be configured to include more or less than two instrument mounts, limited only by the resulting integrity of the bezel 20 and/or the physical dimension of the bezel 20 and the instruments to be accommodated.

Therefore, in accordance with the above, it should be appreciated that the number and dimension of instrument mounts of the bezel 20 may vary depending on the type of instrument that is to be accommodated by the respective instrument mount.

Further, an instrument mount may be integrally formed with any one of the body portions 22, 24, 26, or 28, or at the corner or intersection between either the upper body portion 24 and the right and left side body portions 26 or 28, or the lower body portion 22 and the right and left side body portions 26 or 28 such

as is shown in the figures. Alternatively, an instrument mount may be formed as a separate piece and attached or coupled to any one of the body portions 22, 24, 26, or 28, or at the corner or intersection between either the upper body portion 24 and the right or left side body portions 26 or 28, or the lower body portion 22 and the right or left side body portions 26 or 28.

What has been shown and described above with reference to FIGS. 1-7 is an exemplary dashboard bezel in accordance with the present principles. Thus, it should be appreciated that dashboard bezels having various combinations of instrument mounts, (i.e. in size, shape, and/or placement) may be produced to accommodate the various sizes and shapes of the instruments to be retained by the respective instrument mount. The number of instrument openings and/or their configuration may vary in accordance with the type of instrument, gauge or the like which will be mounted in the instrument mounting. The dashboard bezel 20 shown in the figures is, therefore, only exemplary of one style or embodiment of the present invention. There are infinite variations or combinations possible in accordance with the principles of the present invention herein presented. As an example, the lower body portion 22 may contain one or a plurality of instrument mounts (not shown).

With reference now to FIGS. 8-11, there is shown a dashboard 36 of an automobile in which an original or factory-installed (i.e. OEM) dashboard bezel 80 (see FIGS. 20-21) has been removed. It should be appreciated that the removed bezel 80 could, in fact, be a replacement dashboard bezel that does not have supplemental instrument pods associated therewith. In either case, the

removed bezel (albeit OEM or a replacement) is hereinafter referred to as the "original dashboard bezel". In any event, the removal of the original dashboard bezel 80 exposes a bezel mounting space 38 that essentially surrounds or encompasses the window 64 of the instrument cluster assembly 54. As  
5 discussed above, the instrument cluster assembly 54 includes the original, factory-installed instruments such as the speedometer 58 and the fuel gauge 62. It should be appreciated that the number, layout, and type of original or factory-installed instruments depend on many factors, such as the model type and options associated with the automobile.

10 The bezel mounting space 38 essentially defines an upper bezel mounting space portion 46, a lower bezel mounting space portion 48, a right bezel mounting space portion 50, and a left bezel mounting space portion 52. The upper body portion 24 of the bezel 20 corresponds at least generally in dimension to the upper bezel mounting space portion 46. The lower body  
15 portion 22 of the bezel 20 corresponds at least generally to the lower bezel mounting space portion 48. The right body portion 26 of the bezel 20 corresponds at least generally to the right bezel mounting space portion 50. The left body portion 28 corresponds at least generally to the left bezel mounting space portion 52.

20 It should be appreciated that the dimensions of the upper, lower, right, and left bezel mounting space portions 46, 48, 50, and 52 are particular to the make and/or model of the automobile. As well, the automobile shown in FIGS. 8-19 is an example of one type of automobile in order to describe the present

invention. In order for the bezel 20 to fit into the bezel mounting space 38, the dimensions of the lower, upper, right, and left body portions 22, 24, 26, and 28 are generally the same as, or otherwise correspond to, the dimensions of the lower, upper, right, and left bezel mounting space portions 46, 48, 50, and 52.

5 The bezel 20 would thus be dimensioned quite similarly to the original dashboard bezel 80 (e.g. the OEM dashboard bezel) that was removed from the dashboard 36. Indeed, as shown in FIGS. 20-21, the original dashboard bezel 80 has a body 42 which includes a lower body or housing portion 82 and an upper body or housing portion 84 that are each connected to a right body or housing portion 86 and a left body or housing portion 88. The body portions 82, 84, 86, 88 of the original dashboard bezel 80 are substantially identical to the body portions 22, 24, 26, 28 except that the body portions 82, 84, 86, 88 of the original dashboard bezel do not include any structures or features for accommodating the instrument mounts 32, 34.

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15 In FIGS. 12-14, the dashboard bezel 20 is shown being installed or otherwise inserted into the bezel mounting space 38 of the automobile after the original dashboard bezel 80 has been removed. It should be appreciated the after-market instruments 60, 70 have been removed from the bezel 20 in FIGS. 12-14 for clarity of description. The dashboard bezel 20 is dimensioned to  
20 essentially replace the original dashboard bezel 80, but provide for the mounting of additional or supplemental instruments 60, 70 at a location that is proximate to the original instruments associated with the instrument cluster assembly 54 (e.g. the speedometer 58 and the fuel gauge 62).

It is thus desirable and preferred to remove the original dashboard bezel 80 (see FIGS. 20 and 21) from the automobile before installing the replacement dashboard bezel 20. In one embodiment, however, it is not necessary that the original dashboard bezel 80 be removed, since the replacement dashboard bezel 20 may be dimensioned so as to be installed over, or surrounding, the original dashboard bezel 80. If the original dashboard bezel 80 is not being removed, the bezel mounting space 38 becomes a surface defined by the original dashboard bezel 80 and the replacement bezel 20 would therefore be dimensioned accordingly.

Referring now to FIGS. 15-18, the replacement dashboard bezel 20 has been fully inserted into the bezel mounting space 38. As with FIGS. 12-14, the after-market instruments 60, 70 have been removed from the bezel 20 in FIGS. 15-18 for clarity of description. The replacement dashboard bezel 20 is inserted into the bezel mounting space 38 in the same manner as the original dashboard bezel 80 was inserted (or would be reinserted) therein. It should be appreciated that the replacement dashboard bezel 20 is configured to include the same mounting features as the original dashboard bezel 80. In particular, the replacement dashboard bezel 20 may be configured to include a number of clips (not shown) which are identical to a number of clips 90 (see FIG. 21) associated with the original dashboard bezel 80. In this manner, the replacement dashboard bezel 20 may be secured within the bezel mounting space 38 in the same manner as was the original dashboard bezel 80. It should also be appreciated from the above discussion that the replacement dashboard bezel 20



could therefore be configured with other mounting features such as fasteners, or apertures for receiving fasteners, if the original dashboard bezel 80 was likewise configured.

Referring to FIG. 19, the replacement bezel 20 is shown with the first  
5 instrument 60 disposed in the first instrument mount 32 and the second  
instrument 70 disposed in the second instrument mount 34. The first and  
second instruments 60 and 70 may be retained in their respective instrument  
mount 32, 34 via a press fit, clamps, or any other manner.

Further, the replacement bezel 20 may be painted or have a color formed  
10 or molded therein to match the interior color of the automobile, or any other color  
as desired. As well, the bezel 20 may be configured in multiple colors or have  
graphics, patterns, and/or the like associated therewith. It should be appreciated  
that there are a multitude of variations.

### **Operation of the Present Invention**

15 In operation, the replacement dashboard bezel 20 of the present invention  
may be utilized to replace the original dashboard bezel 80 of an automobile  
thereby allowing for the positioning of a number of after-market instruments 60,  
70 proximate to the instruments associated with the automobile's factory  
20 installed instrument cluster assembly 54 (e.g. the speedometer 58 and the fuel  
gauge 62). As shown in FIG. 22, if the replacement dashboard bezel 20 is  
provided as part of a kit, such as an after-market kit, the bezel is typically  
packaged with an installation instruction manual 92 which includes the printed

instructions for installing the bezel 20 into an automobile in the manner which will now be described.

In any event, the process begins by removal of the original dashboard bezel 80 from the dashboard 36 of the automobile. In particular, the fasteners, clips, or any other retaining mechanisms (e.g. the clips 90) which are utilized to secure the original dashboard bezel 80 within the bezel mounting space 38 of the dashboard 36 are disengaged so as to allow the original dashboard bezel 80 to be spaced apart from the instrument cluster assembly 54 or otherwise lifted away from the dashboard 36. As shown in FIGS. 8-11, such removal of the original dashboard bezel 80 exposes the window 64 and the housing 56 of the instrument cluster assembly 54.

Thereafter, the additional instruments 60, 70 are secured within the instrument mounts 32, 34, respectively, of the replacement dashboard bezel 20. Moreover, the wires, signal lines, or the like associated with the instruments 60, 70 are coupled to the instruments 60, 70 and thereafter routed along the rear portion of the replacement dashboard bezel 20.

The replacement dashboard bezel 20 is then aligned with the corresponding surfaces of the bezel mounting space 38 and thereafter advanced into the dashboard 36. Specifically, the replacement dashboard bezel 20 is advanced into the bezel mounting space 38 and thereafter secured to the dashboard 36 by use of clips, fasteners, or other mechanisms (not shown) which are similar to those that were used to secure the original dashboard bezel 80 within the bezel mounting space 38 of the dashboard 36. Once done, the after-

market instruments 60, 70 are fully operational for use by the driver of the automobile.

Hence, as described herein, the replacement dashboard bezel 20 of the present invention has a number of advantages over heretofore designed mechanisms for mounting after-market instruments. For example, the replacement dashboard bezel 20 of the present invention allows after-market instruments to be installed in the automobile in a manner which appears "integrated" with the automobile's original instrument cluster assembly thereby increasing the aesthetic appearance of the dashboard. Moreover, the replacement dashboard bezel 20 of the present invention allows after-market instruments to be installed in a location within the automobile that allows the information displayed by the instrument to be quickly and safely obtained by the driver. Moreover, by eliminating the need to mount after-market instruments on, for example, the A-pillar of the automobile, use of the replacement dashboard bezel 20 of the present invention provides the driver with a relatively unobstructed view of the road.

While the invention has been illustrated and described in detail in the drawings and foregoing description, such an illustration and description is to be considered as exemplary and not restrictive in character, it being understood that only the preferred embodiment has been shown and described and that all changes and modifications that come within the spirit of the invention are desired to be protected.

There are a plurality of advantages of the present invention arising from the various features of the replacement dashboard bezel and associated method described herein. It will be noted that alternative embodiments of the replacement dashboard bezel and associated method of the present invention may not include all of the features described yet still benefit from at least some of the advantages of such features. Those of ordinary skill in the art may readily devise their own implementations of a replacement dashboard bezel and associated method that incorporate one or more of the features of the present invention and fall within the spirit and scope of the present invention as defined by the appended claims.

For example, although the replacement instruments 60, 70 are herein described as being installed in the instrument mounts 32, 34, respectively, prior to installation of the replacement dashboard bezel 20 within the bezel mounting space 38 of the dashboard 36, and has significant advantages thereby in the present invention, it should be appreciated that other configurations are also possible. In particular, the instrument mounts 32, 34 may be configured to receive the after-market instruments 60, 70 from the front side of the replacement dashboard bezel 20. In such a configuration, the replacement dashboard bezel 20 would be installed within the bezel mounting space 38 of the dashboard 36 without the instruments 60, 70 secured thereto, but with the coupling end of the wires, signal lines or the like associated with such instruments 60, 70 hanging out from the front openings of the instrument mounts 32, 34, respectively. Once the replacement dashboard bezel 20 is secured

within the bezel mounting space 38 of the dashboard 36, the respective coupling end of the wires or signal lines are secured to the instruments 60, 70. The instruments 60, 70 may then be advanced into the instrument mounts 32, 34 from the front side of the replacement dashboard bezel 20. It should be

- 5 appreciated that during such advancement of the instruments 60, 70 through the front side of the replacement dashboard bezel 20, the wires or signal lines associated with the instruments are contemporaneously guided back into the instrument mounts 32, 34 so as to prevent them from being pinched or dangling from the bezel 20 within the view of the driver.

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000